



5 January 2015

Mr. Daron R Haddock  
Utah Division of Oil, Gas and Mining  
1594 West North Temple  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

**RE: Revegetation Success Revisions, Castle Valley Mining, LLC, Bear Canyon Mine,  
C/015/0025, Task ID#4758**

Dear Mr. Haddock:

Attached are 2 clean copies prepared for incorporation into the MPR for Revegetation Success Revisions for Castle Valley Mining, LLC, Bear Canyon Mine.

Please let us know if you require other information.

Sincerely,

FOR TONY WELCH

Tony Welch  
Resident Agent

# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☒ New Permit ☐ Renewal ☐ Exploration ☐ Bond Release ☐ Transfer ☐

Permittee: CASTLE VALLEY MINING, LLC

Mine: BEAR CANYON MINE

Permit Number: C/015/0025

Title: MRP REVISIONS

Description, Include reason for application and timing required to implement:

Revisions to the MRP's Chapter 3 pgs 3-60 & 3-63

**Instructions:** If you answer yes to any of the first eight questions, this application may require Public Notice publication.

- |   |   |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO# _____  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?                                     |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 4. Does the application include operations in hydrologic basins other than as currently approved?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice publication?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies?  |

Explain: \_\_\_\_\_

- |   |  |
|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use?                          |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information?                  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?            |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 15. Does the application require or include soil removal, storage or placement?                                    |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities?             |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities?          |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures?               |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 19. Does the application require or include certified designs, maps or calculation?                                |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring?                                      |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?               |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities?              |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 24. Does the application include confidential information and is it clearly marked and separated in the plan?      |

**Please attach three (3) review copies of the application. If the mine is on or adjacent to Forest Service land please submit four (4) copies, thank you.** (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

JAREN JENSEN ENGINEER TECH 12-9-14 JAREN JENSEN  
 Print Name Position Date Signature (Right-click above choose certify then have notary sign below)

Subscribed and sworn to before me this 9th day of November, 2014

Notary Public: DeeAnn Finger, state of Utah.

My commission Expires: 4-11-2017

Commission Number: 665425

Address: 108 W. 200 No.

City: HELPER

State: UT

Zip: 84521



For Office Use Only:

Assigned Tracking  
Number:

Received by Oil, Gas & Mining

## Form DOGM - C2 (Revised December 10, 2007)

Species diversity will be judged adequate when the relative cover and pct distribution of biomass for the major life form groups approx that which occurs in the reference areas.

That is, the absolute cover in the reclaimed area should also be approx the absolute cover of the reference area. This same relationship should also hold true for productivity. If most of the cover and production were being provided by annual forbs on the reclaimed areas and by perennial grasses on the reference areas, then the reclamation would be judged unsuccessful.

The purpose of the above procedures is to demonstrate that based on cover, production, woody plant density, and species diversity, the disturbed areas have been returned to stable plant communities capable of withstanding the intended post-mining land use.

#### **R645-301-342 Fish and Wildlife Reclamation Plan**

The post-mining land use that reclamation will attempt to provide for is wildlife habitat. Revegetation in the mine area will seek to enhance forage values of the reclaimed area sites thus tailoring them to the needs of wildlife and minimizing the undesirable shrubs found in the adjacent area.

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#### R645-301-354 Revegetation: Timing

Disturbed areas will be planted during the first normal period for favorable planting after replacement of the plant-growth medium.

#### R645-301-355 Revegetation: Mulching and Other Soil Stabilizing

On all reclaimed areas a wood fiber, straw or hay mulch will be used to enhance moisture retention required for seed germination. Tackifier will be added to the wood fiber mulch to help it adhere to the soil. A min of 60 lbs tackifier/ton fiber will be applied, with steeper sloping areas requiring more as shown in R645-301-341 Table 3-4. Steeply sloped areas will require erosion control matting. These areas will be noted on the detailed revegetation plan and maps to be submitted in the last Five-Year Pemit Renewal prior to reclamation. Soil stabilizing practices are outlined in Chapter 2, R645-30 1-244.

#### R645-301-356 Revegetation : Standards for Success

All revegetated areas will within at least 80% of the reference areas in density and population.

C.W. Mining Company will assure that for the Tank Seam area there will be at least 1,000 plants per acre after reclamation.

3-63

12/8/04

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